MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST 1953

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

AUGUST 1953

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	54.5	54.0	54.6	54.4	32.4	24.0	29.1	31.9	27.2	29.4
2	55.4	55.3	55.8	55.5	32.9	24.8	29.2	32.9	26.9	29.7
3	55.9	55.9	55.7	55.8	33.0	24.9	28.9	32.8	27.3	29.7
4	55.1	54.0	54.0	54.4	33.6	25.7	29.6	33.3	27.8	30.2
5	53.9	53.6	53.8	53.8	33.6	25.6	30.2	33.6	28.0	30.6
6	54.1	53.8	54.0	54.0	33.3	26.2	30.0	33.0	27.8	30.3
7	54.9	55.1	55.2	55.1	33.5	26.0	29.9	33.1	28.3	30.4
8	56.4	55.7	55.9	56.0	33.2	24.8	30.3	31.9	27.8	30.0
9	56.3	55.3	56.1	55.9	33.8	25.3	29.6	31.3	27.8	29.6
10	56.5	56.0	55.8	56.1	33.3	26.5	30.2	32.8	28.2	30.4
11	55.8	55.5	55.7	55.7	33.8	25.9	30.2	33.3	28.4	30.6
12	55.0	54.7	54.9	54.9	33.2	25.9	30.1	32.4	30.6	31.0
13	55.2	55.7	55.2	55.4	32.5	25.1	29.4	32.4	30.1	30.6
14	55.5	55.5	56.1	55.7	32.7	24.9	29.4	32.2	27.2	29.6
15	56.3	56.3	56.4	56.3	32.7	25.3	30.0	32 3	27.7	30.0
16	56.7	56.1	56.2	56.3	33.3	24.0	29.8	33.1	29.0	30.6
17	55.8	55.2	55.4	55.5	32.5	24.6	28.7	31.8	27.1	29.2
18	54.8	54.8	55.4	55.0	32.7	24.2	29.4	32.3	27.2	29.6
19	56.0	55.6	55.4	55.7	32.2	23.8	28.9	31.8	27.1	29.3
20	53.9	55.2	55.4	54.8	32.1	24.0	28.6	31.3	27.1	29.0
21	55.2	55.1	55.5	55.3	32.4	24.3	28.9	31.7	27.2	29.3
22	55.6	55.6	56.0	55.7	32.5	24.7	29.4	32.2	27 0	29.5
23	55.4	54.9	55.2	55.2	32.3	24.5	28.8	31.7	26.9	29.1
24	55.2	54.8	55.0	55.0	31.9	23.7	28.9	31.7	26.3	29.0
25	54.7	54.0	54.5	54.4	31.8	24.4	28.4	31.3	26.1	28.6
26	55.4	55.5	56.0	55.6	31.8	22.5	27.9	29.8	25.6	27.8
27	57.7	57.1	57.2	57.3	31.7	23.4	28.0	30.6	25.6	28.1
28	57.5	56.9	56.8	57.1	31.4	23.3	27.8	31.1	25.0	28.0
29	58.0	58.0	58.7	58.2	31.4	24.9	27.8	29.7	26.7	28.1
30	60.6	60.5	60.9	60.7	30.7	26.1	28.6	30.3	27.0	28.6
31	61.1	60.5	60.6	60.7	31.0	25.0	28.9	30.7	26 7	28.8
	55.95	55.68	55.92	55.85	32.55	24.78	29.19	31.94	27.38	29.50

Barometer, range for month 761.1 mm. — 753.6 mm.
„ 71-yr. average for month 756.00 mm.
Thermometer, range for month 33.8°C — 22.5°C
„ 71-yr. average for month 28.57°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.45 mm.
„ Total, Sept. 1st. to end of month 1060.92 mm.
„ 71-yrs. average. Sept. 1st. to end of month 892.30mm.

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Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	25.7	25.6	28.4	26.6	64	56	78	66	12.3	257.0	
2	25.9	28.1	26.7	26.9	62	55	76	64	12.3	137.0	
3	27.8	27.4	28.4	27.9	70	57	80	69	12.0	113.0	
4	28.1	29.6	29.5	29.0	70	58	78	69	11.1	119.0	
5	29.2	31.2	30.2	30.2	68	61	82	70	11.3	145.0	
6	30.0	31.2	31.0	30.7	70	61	84	72	10.4	225.0	
7	30.0	31.2	32.1	31.1	72	61	83	72	11.6	291.0	
8	30.0	31.2	29.5	30.3	70	66	80	72	11.2	269.0	
9	26.7	29.9	27.3	28.0	65	67	74	69	9.6	278.0	
10	26.9	27.4	29.0	27.8	65	58	76	66	11.1	328.0	
11	28.4	32.9	30.5	30.6	68	64	79	70	11.5	187.0	
12	29.2	29.7	26.5	28.5	69	62	62	64	11.1	277.0	
13	23.8	29.0	23.3	25.4	59	59	54	57	10.2	359.0	
14	22.4	24.4	25.6	24.1	55	51	70	59	11.4	138.0	
15	26.2	27.4	27.3	27.0	63	56	74	64	11.5	117.0	
16	26.9	26.5	27.8	27.0	63	55	70	63	11.3	159.0	
17	25.7	25.6	25.6	25.6	64	56	71	64	11.6	251.0	
18	26.7	27.4	27.0	27.0	65	57	74	65	11.6	282.0	
19	24.9	25.6	26.3	25.6	63	56	73	64	11.5	280.0	
20	25.4	24.6	26.3	25.4	67	55	72	65	11.6	198.0	
21	25.7	26.3	27.0	26.3	65	56	75	65	11.3	267.0	
22	27.4	29.0	26.7	27.7	66	60	78	68	11.4	328.0	
23	26.4	23.4	24.6	24.8	67	51	70	63	11.4	447.0	
24	25.7	25.6	24.4	25.2	64	54	74	64	11.4	298.0	
25	24.0	23.9	24.4	24.1	63	53	72	63	11.3	246.0	
26	18.4	21.3	20.8	20.2	51	50	64	55	9.6	219.0	
27	19.1	21.5	21.5	20.7	51	48	66	55	10.2	69.0	
28	18.4	19.7	21.2	19.8	49	44	67	53	11.0	56.0	
29	23.0	25.2	25.3	24.5	62	62	74	66	10.4	51.0	
30	24.0	26.9	29.9	26.9	63	64	83	70	10.2	547.0	
31	23.5	29.5	24.6	25.9	59	67	70	65	9.9	163.0	
	25.66	27.04	26.73	26.48	63.6	57.4	73.7	64.9	11.11	229.06	0.00

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	0	0	0.3	2sw	2sw	2sw	light	
2	0	0	0	0.0	2sw	2sw	1sw	,,	
3	1cu	1cu	3cu	1.7	1sw	2sw	1sw	,,	
4	1cu	0	0	0.3	2sw	2sw	1sw	,,	H., P.M.
5	1cu	3cu	0	1.3	2sw	1sw	0	,,	H,. all day
6	3cu	10cu-st	3cu	5.3	1sw	1sw	1sw	light	H., p.m.
7	1cu	0	0	0.3	1sw	1sw	1sw	,,	
8	0	5cu	0	1.7	1sw	1sw	1sw	,,	H., p.m.
9	3cu	2cu	1cu	2.0	2sw	2sw	1sw	,,	
10	1ci	2cu	9cu-st	4.0	1s	2sw	1sw	,,	
11	0	0	1cu	0.3	3sw	2sw	1sw	light	H., a.m.
12	1cu	2cu	0	1.0	2w	1w	1w	,,	
13	3cu	0	9cu-st	4.0	2sw	2sw	1sw	,,	
14	0	0	2cu	0.7	4sw	2sw	1sw	,,	
15	0	0	0	0.0	1sw	2w	1w	,,	H., A.M.
16	2cu	0	0	0.7	3w	3w	3sw	light	
17	0	2cu	9cu-st	3.7	3sw	3w	1sw	,,	H , A.M.
18	0	0	4cu	1.3	2sw	2sw	1sw	,,	H., all day
19	0	0	0	0.0	4sw	3sw	2sw	,,	
20	0	0	0	0.0	2sw	3sw	1sw	,,	
21	0	0	0	0.0	4sw	2w	1w	light	H., p.m.
22	2cu	6cu	0	2.7	2sw	2sw	2sw	,,	H , all day
23	0	0	0	0.0	3sw	2sw	3sw	,,	
24	0	0	0	0.0	2sw	2sw	1sw	,,	H., all day
25	3cu	0	5cu	2.7	1sw	2sw	1sw	,,	
26	0	9cu-st	0	3.0	2sw	2sw	2sw	light	good Visibility
27	2cu	9cu-st	8cu-st	6.3	1sw	2sw	1sw	,,	good Visibility
28	1cu	0	0	0.3	1sw	2sw	1sw	,,	good Visibility
29	0	0	9cu	3.0	1sw	1nw	1n	calm	
30	1cu	2cu	7cu	3.3	1ne	3n	3ne	light	
31	0	0	0	0.0	2ne	3ne	1e	,,	
	mean			1.61					

Abbreviations : G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	2	0	0	1	26	2	0	0	31
14:30	1	1	0	0	0	23	5	1	0	31
20:30	1	1	1	0	0	24	3	0	1	31
Total	2	4	1	0	1	73	10	1	1	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 0.18